

Arizona Computer-Based
Testing Readiness Report

User's Guide

Arizona Department of Education

Bowerman, Margaret

Arizona Computer-Based Testing Readiness Report User's Guide



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Arizona Computer-Based Testing Readiness Report User's Guide

Overview

The *Arizona Computer-Based Testing Readiness Report* is an application within ADEConnect that will help identify a school's readiness to administer the statewide computer-based achievement test. To create the report, districts and charters must enter data through the Tech Readiness Inventory.

Information about a school's technology will be entered into the application in one of two ways: either through a file upload or through direct data-entry.

1. If you choose to use the **file upload**, the *Computer-Based Testing Inventory*, directions are described in Part I of this document.
2. If you choose to use the **direct data entry** through ADEConnect, directions are described in Part II on page 9 of this document. It may be helpful to complete the Excel spreadsheet in preparation for data entry.

How will this information be used? Once the State Board of Education adopts a new assessment and the application is fully functional, your district/charter will have an accurate report of each site's technical capacity for computer-based test administration. This information will be helpful for leveraging your existing resources and creating short and long term plans for building technological capacity for instruction and assessment.

The information requested in the *Arizona Computer-Based Readiness Report* can be gathered one time and used for other reporting requirements. For example, the speed test data requested for the inventory continuously adds to the Digital Arizona Broadband Mapping Tool which can allow anyone to find the data for any specific school, district or geographic boundary (county, legislative district, zip code, etc.). This data contributes to the National School Speed Test database to help guide the allocation of \$2.5 billion in annual federal funding for school Internet access upgrades.

The ADE will use the information provided in this report to determine statewide readiness and develop plans for getting all schools prepared for computer-based testing as quickly as possible. Although it is a requirement to complete the Arizona Computer-Based Testing Readiness Report, districts and charters may choose to include as many of their schools as are ready to administer the computer-based test in spring 2015. Details regarding how to be included in computer-based testing will be provided after the adoption of the new statewide achievement assessment.

Thank you for your help with this. If you have any questions, please contact us at testing@azed.gov.

Part I: Completing the Computer-Based Testing Inventory

You may choose to upload a file with data for each site in your district. An Excel worksheet, the *Computer-Based Testing Technology Inventory*, accompanies this application. The Excel inventory has the same fields as the direct data-entry portion of the application (Part II). The Excel inventory can be used as a template to gather the necessary information for direct data-entry or can be used to create the file to upload into the application.

Please note: *The Excel inventory spreadsheet has been developed to work with Excel 2010/2007 and has not been tested for Excel 2003.*

Getting Started

Before you enter any data in the spreadsheet, you will need to know the following information:

1. **Determine Your Technology System Information** – You will need to identify the number of devices that will be available for use by students during testing. In addition, you will be identifying the following information:
 - Device Type - desktop/laptop or tablet
 - *Operating System – Windows, Mac, Linux, Chrome, Android, Other
 - *Version
 - Screen Resolution/Size
 - RAM
 - Number of Keyboards, headphones, and microphones
 - Number of Mice or Touchpads
 - Connection Technology – Cable, Dial Up, DSL, T1, Etc.

**See Appendix A for assistance in locating information regarding your Operating System and Version.*

2. **Test your Broadband Speed** - Complete a Download and Upload Speed Test from Arizona School Speed Test at <http://partners.schoolspeedtest.org/arizona.html> at least three (3) different times during a school day. Please take the speed test during normal school hours on a computer that will be used for students taking the test. Track all of your speeds; you will enter the lowest speed scores from all of the tests.

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Using the Readiness Inventory Worksheet

Filling out the Worksheet

You will need to begin in **Column A** of the Excel worksheet and work across the cells for each device type at the school. The columns with drop-down data are dependent on the information in the previous column. A school may need more than one row to accommodate all device types. You will need to enter data on a separate row for each school in your district/charter.

Please complete all information per school before adding subsequent schools. Rows cannot be inserted. When you enter an X on a subsequent row for the same school, Columns P – T will be blacked out so you won't need to replicate this information.

Add	District	District #	School	School #	Download Speed (Mbps)	Upload Speed (Mbps)	Number Students Taking Test	IT Support	School Site Connection Technology
x	A Center for Creative Education - 79457	79457	Montessori Childrens House - 80003	80003					
x	A Center for Creative Education - 79457	79457	Montessori Childrens House - 80003	80003					
x	A Center for Creative Education - 79457	79457	Montessori Childrens House - 80003	80003					
x	A Center for Creative Education - 79457	79457	Verde Valley Montessori School - A Center for	79458					

This spreadsheet is designed for 300 rows, so if you need additional space, you will need to complete a second spreadsheet. Please include all of the information for a particular site on the same spreadsheet; do not split the information for a site between the spreadsheets.

- **Column A – Add:** Select the letter **X** in cell A2 to begin. This will open the entire row for you to begin selecting. If the district and school do not match, the school cell will be **red**; once a school in that district is selected, the field will turn to **green**.

A2		X						
A	B	C	D	E	F	G	H	I
Add	District	District #	School	School #	Device Type	Operating System	Version	Screen Resolution / Size
X	District		School		Device Type			

- **Column B – District:** Select your district from the drop-down list. You will need to scroll through the list to locate your district. Once you select the district name, **Column C – District #** will automatically populate.

B2		=IF(A2="X",B1,"")				
A	B	C	D	E	F	G
Add	District	District #	School	School #	Device Type	Operating System
1						
2	X		School		Device Type	
3	A Center for Creative Education - 79457					
4	Academy Del Sol, Inc. - 90199					
5	Academy of Building Industries, Inc. - 85540					
6	Academy Of Excellence, Inc. - 4296					
7	Academy of Mathematics and Science South, Inc. - 80878					
8	Academy of Mathematics and Science, Inc. - 79507					
9	Academy of Tucson, Inc. - 78897					
10	Academy with Community Partners, Inc. - 8213					

- **Column D – School:** Select your school name. You will need to scroll through the list to locate your school name. Once you select the district name, **Column E – School #** will automatically populate.

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- **Column F – Student Device Type:** Choose either desktop/laptop or tablet.

Note: If you have both types of devices at this site, you will need to select one and continue filling out this row. Then you will go to the next row and place an X in **Column A**. This will automatically populate the same district and school.

- **Column G – Operating System:** Select the operating system from the drop-down list.

Note: If you have more than one operating system at this site, you will need to select one and continue filling out this row. Then you will go to the next row and place an X in **Column A**. This will automatically populate the same district and school.

- **Column H – Version:** Select the version of the operating system from the drop-down list.

Note: If you have more than one version at this site, you will need to select one and continue filling out this row. Then you will go to the next row and place an X in **Column A**. This will automatically populate the same district and school.

- **Column I – Screen Resolution or tablet screen size:** Select the screen resolution or tablet screen size from the drop-down list.

Note: If you have more than one screen resolution or size at this site, you will need to select one and continue filling out this row. Then you will go to the next row and place an X in **Column A**. This will automatically populate the same district and school.

- **Column J – RAM:** Select the RAM for the device

- Less than 512 MB
- Greater or equal to 512 MB but less than 1 GB
- Greater or equal to 1 GB but less than 2 GB
- Greater or equal to 2 GB but less than 4 GB
- Greater or equal to 4 GB

- **Column K – Number of Computers:** Enter the number of computer devices available for student testing that match the device type, operating system, version, screen resolution/size, and RAM you have indicated.

- **Column L – Number of Keyboards:** Enter the number of keyboards that are wired or wireless configured to a single computer. Bluetooth/wireless keyboards must be configured to pair with only a single computer during assessment administration. External keyboards must allow students to enter letters, numbers, and symbols and to shift, tab, return, delete, and backspace. Tablet touchscreen interfaces can be

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used for student interactions with the assessments other than text input, including to select/deselect, drag, and highlight text, objects, and areas.

- **Column M – Number of Head Phones:** Enter the number of head phones/earbuds available for testing.
- **Column N – Number of Mics:** Enter the number of microphones available for testing.
- **Column O – Number of Mice or Touchpads:** Enter the number of pointing devices available for testing. This may consist of a mouse, touch screen, touchpad, or other pointing device with which the student is familiar.
- **Column P – Download Speed (Mbps):** Complete a Download and Upload Speed Test from Arizona School Speed Test at <http://partners.schoolspeedtest.org/arizona.html> at least three (3) different times during a typical school day. Please take the speed test during normal school hours particularly when the school is in session and drawing bandwidth to other, daily network and data-intensive operations on campus on a computer that will be used for students taking the test as they will be testing (wireless or connected by a cable). Track all of your speeds; you will enter the **lowest download speed score** from all of the tests.
- **Column Q – Upload Speed (Mbps):** Complete a Download and Upload Speed Test from Arizona School Speed Test at <http://partners.schoolspeedtest.org/arizona.html> at least three (3) different times during a typical school day. Please take the speed test during normal school hours particularly when the school is in session and drawing bandwidth to other, daily network and data-intensive operations on campus on a computer that will be used for students taking the test as they will be testing (wireless or connected by a cable). Track all of your speeds; you will enter the **lowest upload speed score** from all of the tests.
- **Column R – Number of Students Taking the Test:** This number should reflect the total number of students in Grades 3-8 for non-high schools and the number of students expected to participate in high school testing (ELA9, ELA10, ELA11, Algebra 1, Geometry, and Algebra II). The number displayed is based on the current FY enrollment count. Please overwrite if the current count is different.
- **Column S – IT Support Level:** Select the level of IT support* you have available at your LEA from the drop-down list.
 - District** – employee or team who oversees and addresses technology issues for all schools/charters within a district.
 - School** – an employee of the district or charter designated as technical support for an individual site full time.

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Part-Time/Shared – an employee of the district or charter designated as technical support for a site for part of a day/week.

Contracted – purchased service with an individual or company within the IT field who provide remote or on-site service for your LEA in the areas of system administration, network, hardware, and/or software systems.

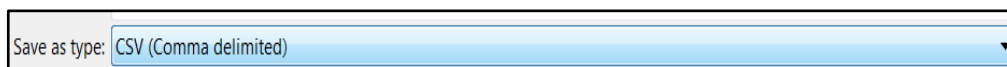
*If you have more than one level of support, please select the level that would be primarily responsible for providing the majority of technology support at an individual school site during the testing window (e.g., if you have a district technology director with IT staff that are designated to support two or more sites each, you would select Part-Time/Shared Support rather than District Level).

- **Column T: School Site Readiness Connection Technology:** Select the way the school site accesses its internet connection from your service provider. For example, if your site has a wireless router but receives internet connectivity from your provider through a T1 line, you would select T1. Your service provider may be able to assist you in determining which connection type you receive at the site level.

Note: As you complete each row, return to **Column A** and select the letter **X** to activate the next row. The district name, number, and school name and number will be populated automatically. You can edit this information if necessary. Use as many rows as needed to identify all of the devices available for testing.

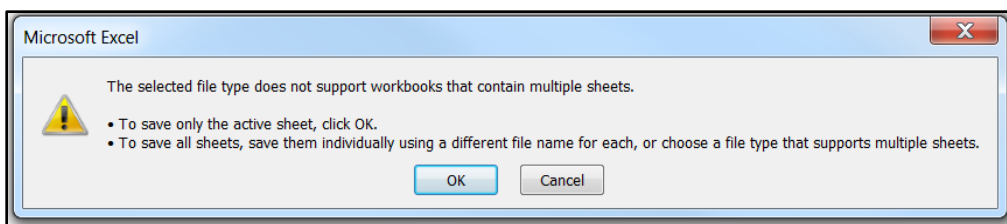
Saving and Uploading the Inventory File(s)

Use the "Save as type:" to select .CSV file

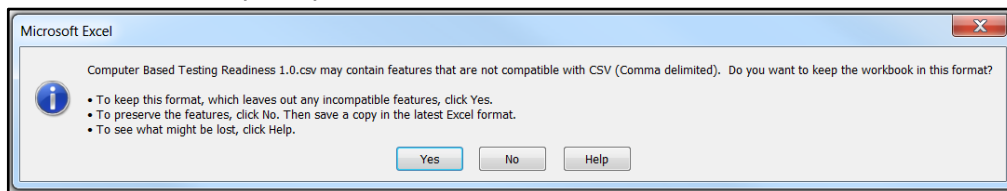


You will have popups that you will need to accept.

Click "OK" for the first prompt.



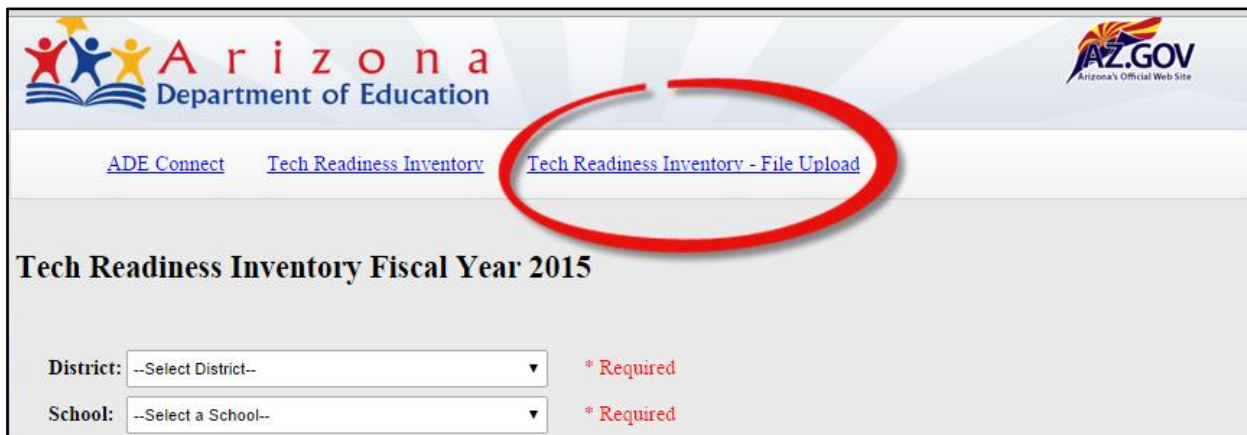
Click "Yes" for the second prompt.



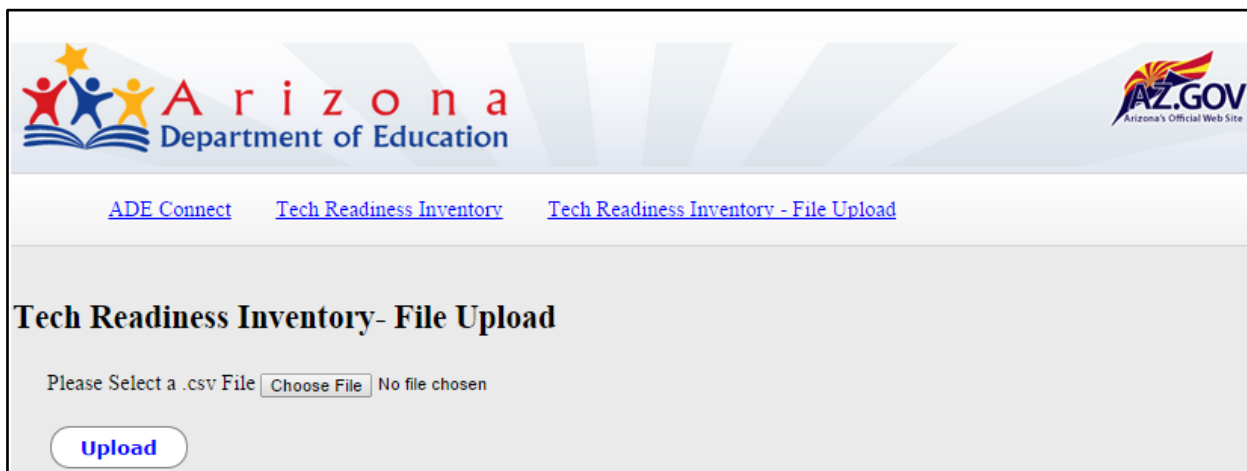
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Log into ADEConnect from the ADE website at www.azed.gov. You can find additional information about accessing ADEConnect in Appendix B of this document.

- Click on the "Test Readiness" link.
- Click on the Test Readiness Inventory – File Upload.
- Upload your .csv file.



The screenshot shows the Arizona Department of Education website. The header includes the Arizona Department of Education logo and the AZ.GOV logo. Below the header, there are three links: [ADE Connect](#), [Tech Readiness Inventory](#), and [Tech Readiness Inventory - File Upload](#). The third link is circled in red. Below the links, the title "Tech Readiness Inventory Fiscal Year 2015" is displayed. Underneath the title, there are two dropdown menus: "District: --Select District--" and "School: --Select a School--". To the right of each dropdown menu is a red asterisk followed by the text "* Required".



The screenshot shows the "Tech Readiness Inventory- File Upload" page. The header is the same as the previous screenshot. Below the header, there are three links: [ADE Connect](#), [Tech Readiness Inventory](#), and [Tech Readiness Inventory - File Upload](#). Below the links, the title "Tech Readiness Inventory- File Upload" is displayed. Underneath the title, there is a text prompt "Please Select a .csv File" followed by a "Choose File" button and the text "No file chosen". Below this, there is a blue "Upload" button.

You will see a message indicating that your file was uploaded successfully.

If you have any questions regarding your file upload, please contact ADE at testing@azed.gov.

Part II: Using ADEConnect for Direct Data Entry

Getting Started

Before you enter any data, you will need to know the following information:

1. **Determine Your Technology System Information** – You will need to identify the number of devices that will be available *for use by students during testing*. In addition, you will be identifying the following information:
 - Device Type - desktop/laptop or tablet
 - *Operating System – Windows, Mac, Linux, Chrome, Android, Other
 - *Version
 - Screen Resolution/Size
 - RAM
 - Number of keyboards, headphones, and microphones
 - Number of Mice or Touchpads
 - Connection Technology – Cable, Dial Up, DSL, T1, Etc.

*See Appendix A for assistance in locating information regarding your Operating System and Version.

2. **Test your Broadband Speed** - Complete a Download and Upload Speed Test from Arizona School Speed Test at <http://partners.schoolspeedtest.org/arizona.html> at least three (3) different times during a school day. Please take the speed test during normal school hours on a computer that will be used for students taking the test. Track all of your speeds; you will enter the lowest speed scores from all of the tests.

You may want to use the Excel spreadsheet to record your inventory before you enter the information directly in ADEConnect.

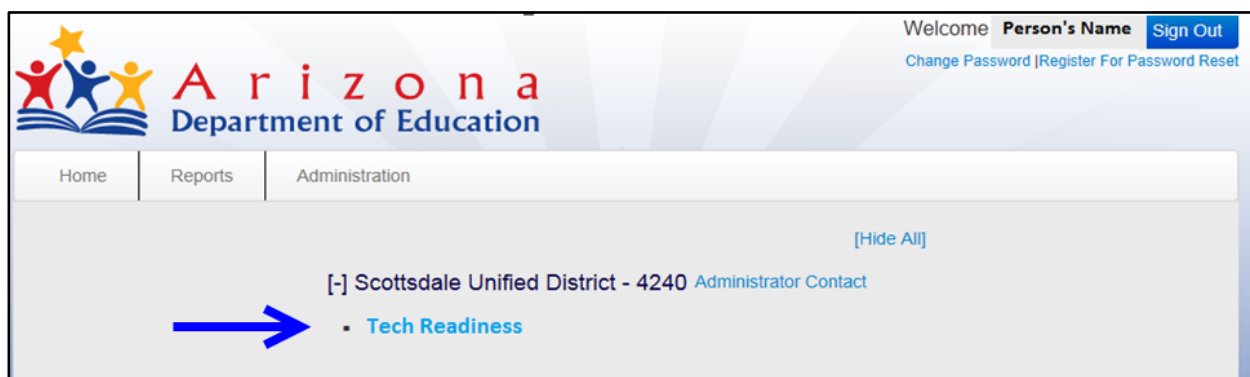
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Using ADEConnect Direct Data Entry

Log into ADEConnect –

Log into ADEConnect at <https://home.azed.gov/Portal/>. You can find additional information about accessing ADEConnect in Appendix B of this document.

Click the link for Tech Readiness.



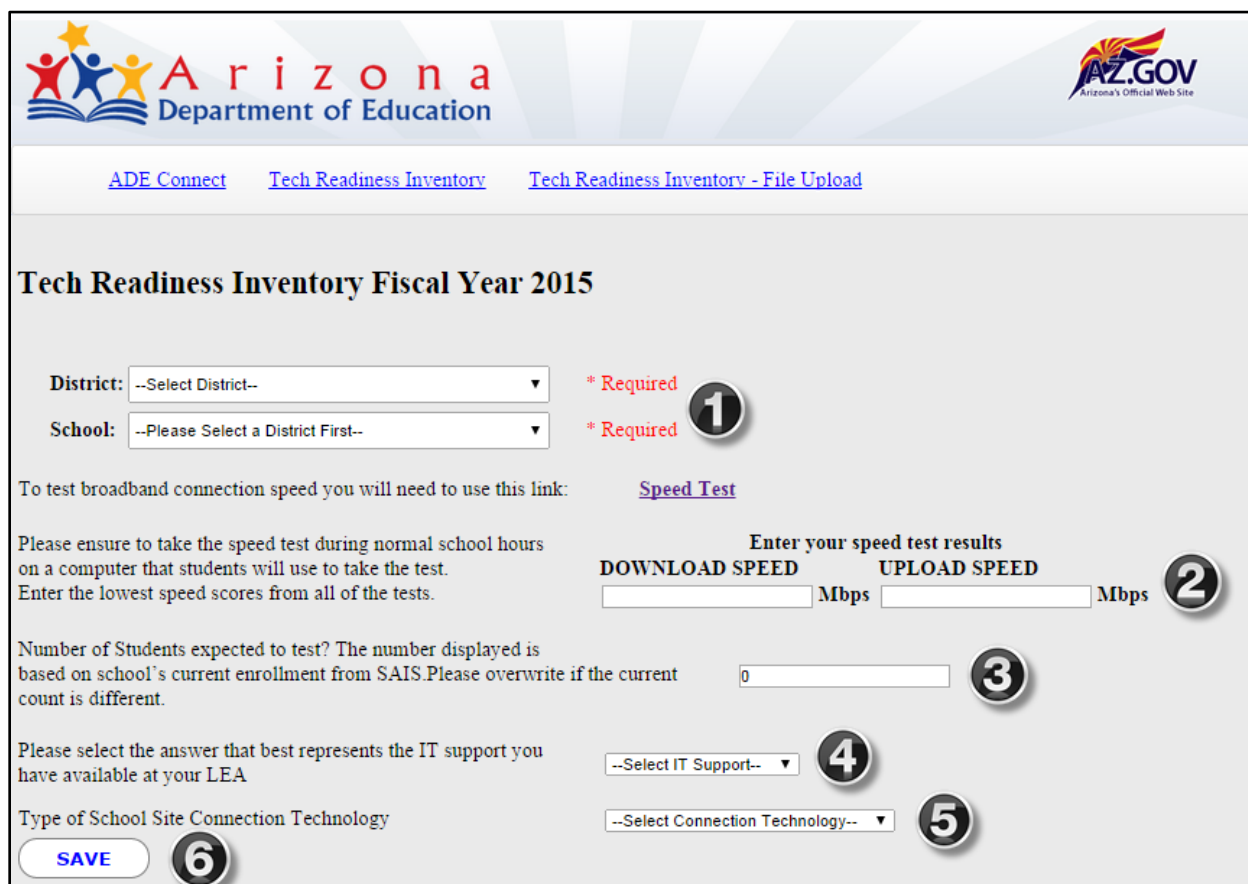
Welcome **Person's Name** [Sign Out](#)
[Change Password](#) | [Register For Password Reset](#)


Home Reports Administration

[Hide All]

[+] Scottsdale Unified District - 4240 Administrator Contact

→ Tech Readiness



Arizona Department of Education 

[ADE Connect](#) [Tech Readiness Inventory](#) [Tech Readiness Inventory - File Upload](#)

Tech Readiness Inventory Fiscal Year 2015

District: * Required 1

School: * Required

To test broadband connection speed you will need to use this link: [Speed Test](#)

Please ensure to take the speed test during normal school hours on a computer that students will use to take the test. Enter the lowest speed scores from all of the tests.

Enter your speed test results

DOWNLOAD SPEED	UPLOAD SPEED
<input type="text"/> Mbps	<input type="text"/> Mbps

2

Number of Students expected to test? The number displayed is based on school's current enrollment from SAIS. Please overwrite if the current count is different. 0 3

Please select the answer that best represents the IT support you have available at your LEA 4

Type of School Site Connection Technology 5

6

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Directions:

1. When you log in, the first drop-down box will default to your district name. Select a school name. You will be completing a separate entry for each school in your district.
2. Enter the lowest download and upload speeds from the Arizona School Speed Test <http://partners.schoolspeedtest.org/arizona.html> that you conducted at this school site.
3. Confirm the number of students at this site who are eligible for testing. This number should reflect the total number students in Grades 3-8 for non-high schools and the number of students expected to participate in high school testing (ELA9, ELA10, ELA11, Algebra 1, Geometry, and Algebra II). The number displayed is based on the current enrollment from SAIS. Please overwrite this if the current count is different. Click on SAVE.
4. Select the IT support level* you have available at your LEA from the drop-down list.
 - **District** – employee or team who oversees and addresses technology issues for all schools/charters within a district.
 - **School** – an employee of the district or charter designated as technical support for an individual site full time.
 - **Part-Time/Shared** – an employee of the district or charter designated as technical support for a site for part of a day/week.
 - **Contracted** – purchased service with an individual or company within the IT field who provide remote or on-site service for your LEA in the areas of system administration, network, hardware, and/or software systems.

*If you have more than one level of support, please select the level that would be primarily responsible for providing the majority of technology support at an individual school site during the testing window (e.g., if you have a district technology director with IT staff that are designated to support two or more sites each, you would select Part-Time/Shared Support rather than District Level).

5. Select the School Site Connection Technology for this site.

Please select the answer that best represents the IT support you have available at your LEA

--Select IT Support--

Type of School Site Connection Technology

SAVE

Add Desktop/Laptop

Show 5 entries

Options	Operating System	Version	Screen Resolution	RAM	# of Co
No data available in table					

Showing 0 to 0 of 0 entries

Previous Next

--Select Connection Technology--

- Select Connection Technology--
- Cable
- Dial Up
- DSL
- Fiber Optics
- Satellite
- T-1
- T-2
- T-3
- T-4
- T-5
- Broadband Wireless
- Other

6. Click **Save**. You must save your information before adding your devices.

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7. Select **Add Desktop/Laptop** to enter any devices you may have of this type. When you click on **Add Desktop/Laptop**, a separate window will open for you to enter your information.
 - a. Select an operating system, version, and screen resolution. Select the RAM for these devices:
 - Less than 512 MB
 - Greater or equal to 512 MB but less than 1 GB
 - Greater or equal to 1 GB but less than 2 GB
 - Greater or equal to 2 GB but less than 4 GB
 - Greater or equal to 4 GB
 - b. Enter the number of computers available for testing that match the operating system, version, screen resolution, size, and RAM. Enter the number of keyboards, headphones/earbuds, and microphones available for testing. Click **Create**.

Please ensure to take the speed test during normal school hours on a computer that students will use to take the test.

Enter your speed test results
DOWNLOAD SPEED UPLOAD SPEED

Add Desktop/Laptop

Operating System: --select--
Version: --select--
Screen Resolution: --select--
RAM size: --select--
of Computers: 0
of Keyboards: 0
of Headphones: 0
of Mics: 0
of Mice or Touchpad: 0

SAVE Add Desktop/Laptop Create Cancel

Show 5 entries
Options | No data available
Showing 0 to 0 of 0 entries
Previous Next

If you have devices with a different operating system, version, or screen resolution, you will need to select **Add Desktop/Laptop** again and enter that information.

If you need to edit any information in the row, select **Edit** under the Options column.

8. If this site has tablets, select **Add Tablet**. When you click on Add Tablet, a separate window will open for you to enter your information. If you have more than one type of operating system, version, or screen size, after you complete the information, you will need to select Add Tablet again and enter information for those tablets.

Please ensure to take the speed test during normal school hours on a computer that students will use to take the test.

Enter your speed test results
DOWNLOAD SPEED UPLOAD SPEED

Add Tablet

Operating System: --select--
Version: --select--
Screen Size: --select--
RAM size: --select--
of Computers: 0
of Keyboards: 0
of Headphones: 0
of Mics: 0
of Mice or Touchpad: 0

SAVE Add Tablet Create Cancel

Show 5 entries
Options | No data available
Showing 0 to 0 of 0 entries
Previous Next

Add Tablet

Show 5 entries Search: Options | Operating System | Version | Screen Size | RAM | # of Computers | # of Keyboards | # of Headphones | # of Mics | # of Mice or Touchpad
No data available in table
Showing 0 to 0 of 0 entries

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If you need to edit any information, select *Edit* under the Options column. When all of your information is entered for this school site, it will automatically save the information you just entered.

Complete this procedure for each site in your district.

Reviewing Your Inventory

When you are finished entering information, you can look at your information by using the search feature. You can search any of the fields by entering letters or numbers.

The screenshot displays two identical interface sections for managing inventory. The top section is titled 'Add Desktop/Laptop' and the bottom section is titled 'Add Tablet'. Each section includes a 'Show 5 entries' dropdown, a search bar with a blue arrow pointing to it, and a table with the following columns: Options, Operating System, Version, Screen Resolution, RAM, # of Computers, # of Keyboards, # of Headphones, # of Mics, and # of Mice or Touchpad. Below the table, it states 'No data available in table' and 'Showing 0 to 0 of 0 entries'. Navigation links 'Previous' and 'Next' are provided at the bottom of each section.

Options	Operating System	Version	Screen Resolution	RAM	# of Computers	# of Keyboards	# of Headphones	# of Mics	# of Mice or Touchpad
No data available in table									

Showing 0 to 0 of 0 entries

Previous Next

Part III: The Readiness Report

Note: Any subsequent uploads or direct entry to the Inventory will **override** previous entries. If you are adding or amending any data to a file, please make the changes to your original data file and upload the entire file again.

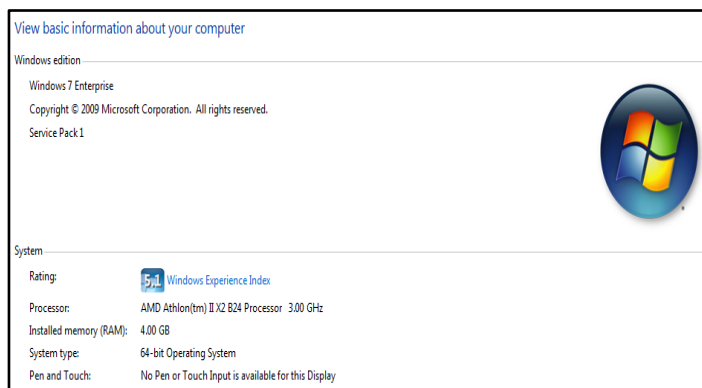
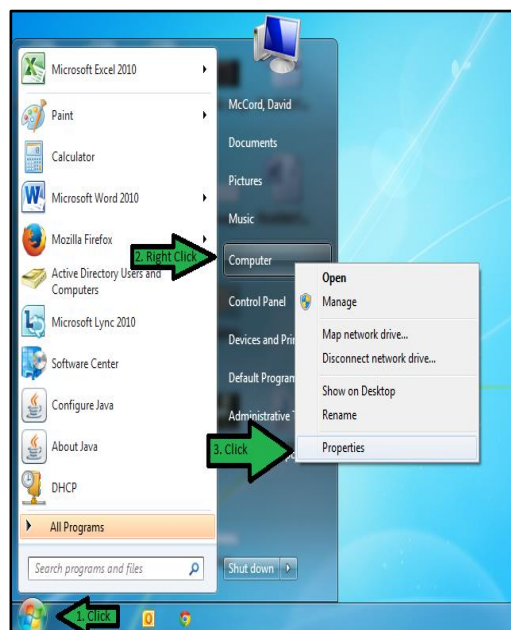
ADEConnect works best with Internet Explorer 9 or higher.

Readiness Indicators

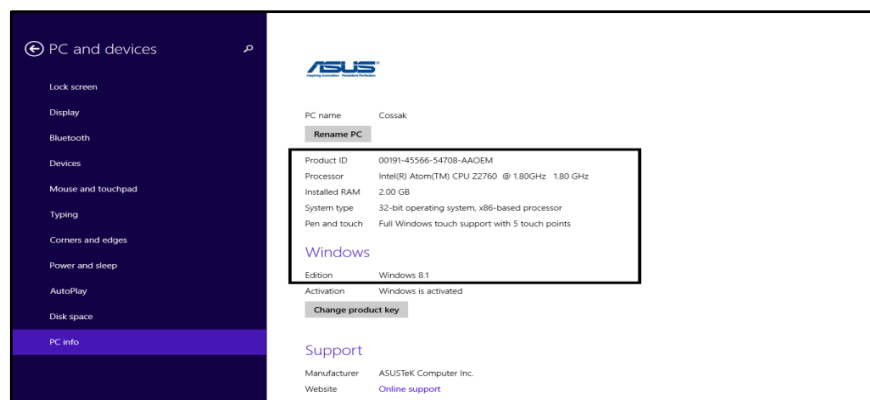
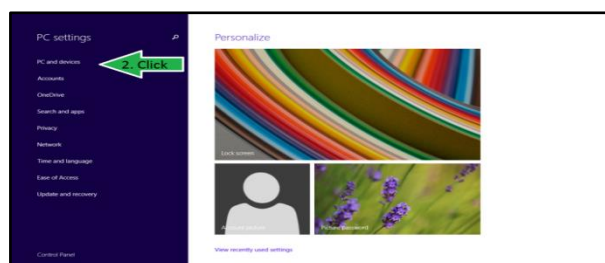
Pending adoption of the new state assessment by the Arizona State Board of Education.

Appendix A: Finding Your System Information

Windows 7:

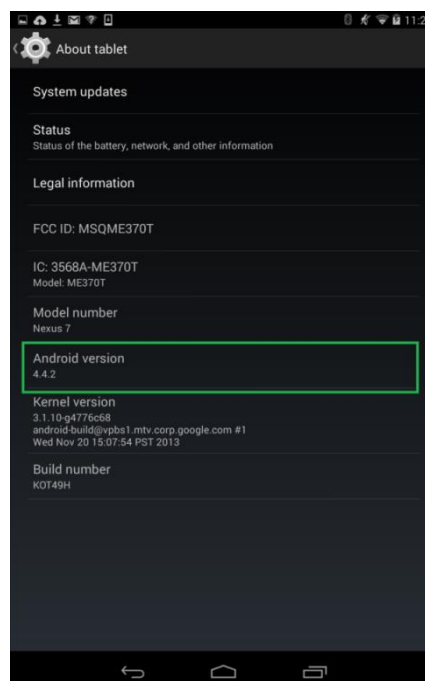
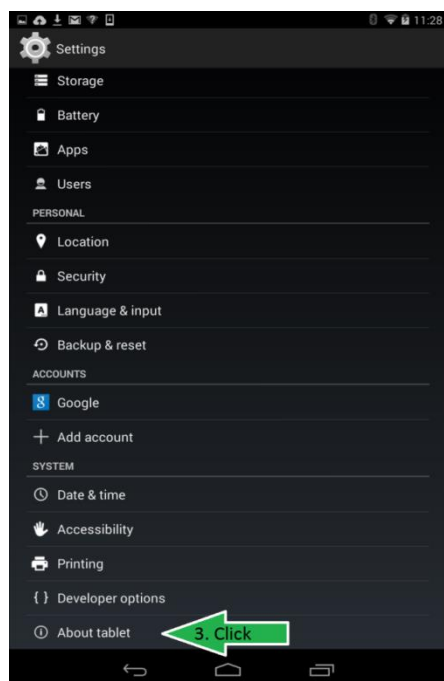
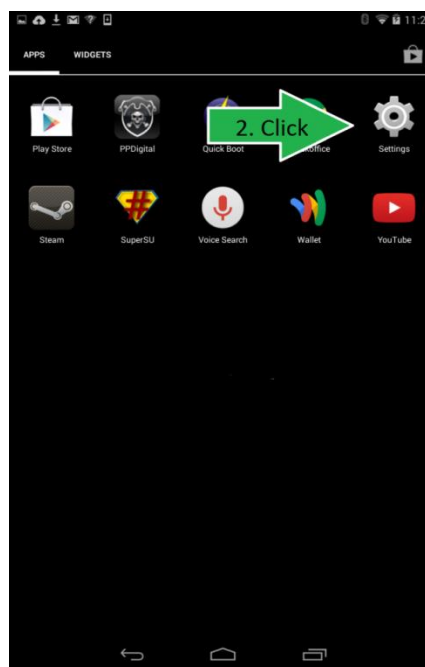
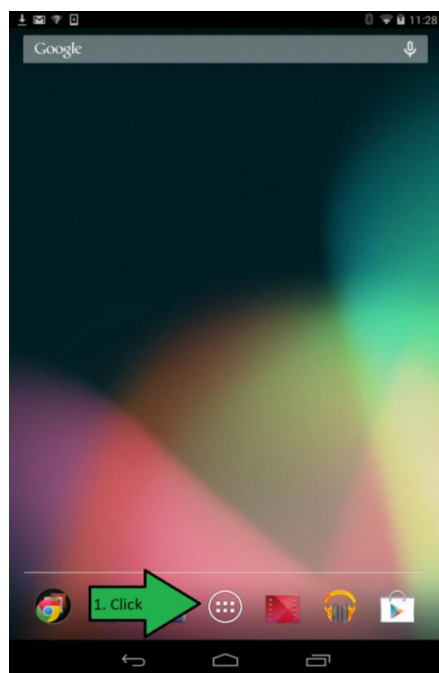


Windows 8.1:



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Android:

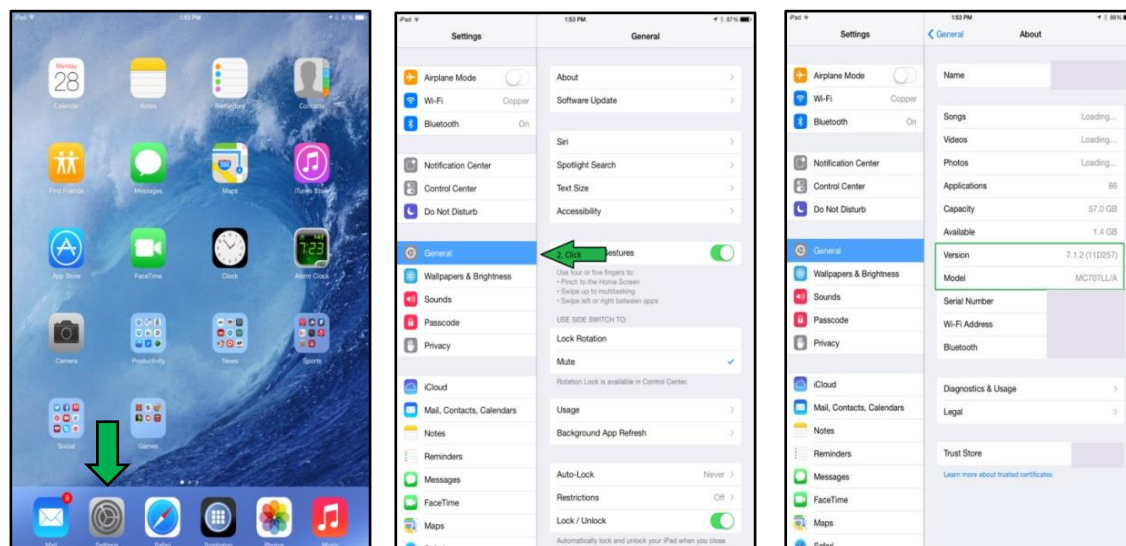


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OS X:

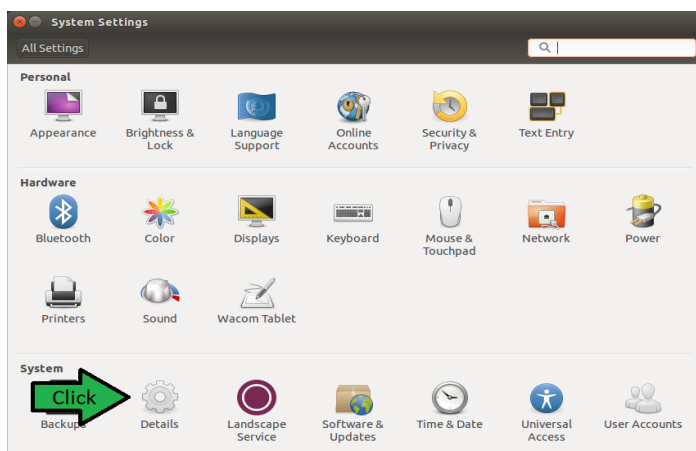
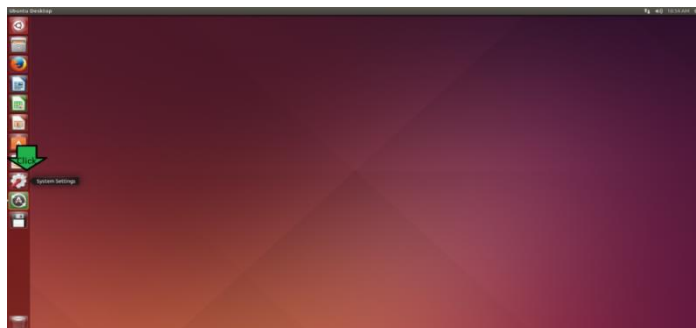


iPad:

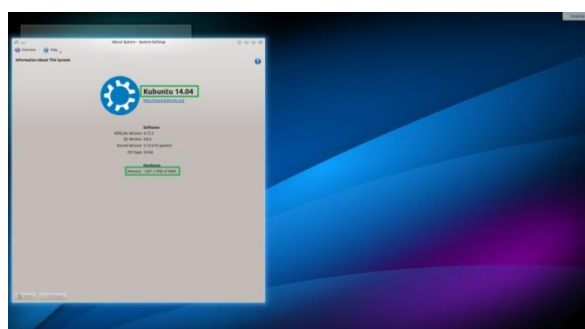
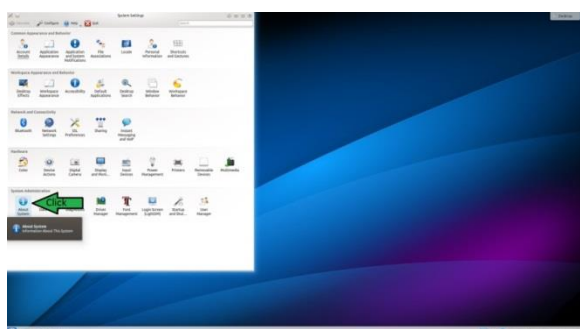
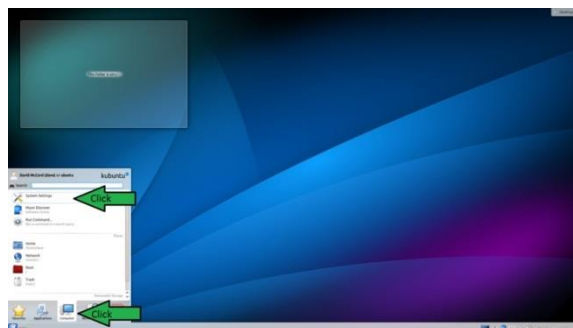


Linux

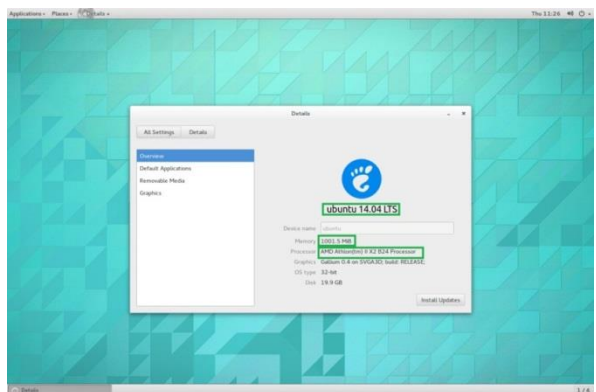
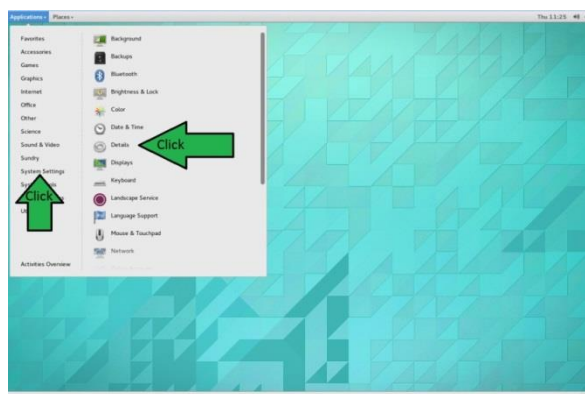
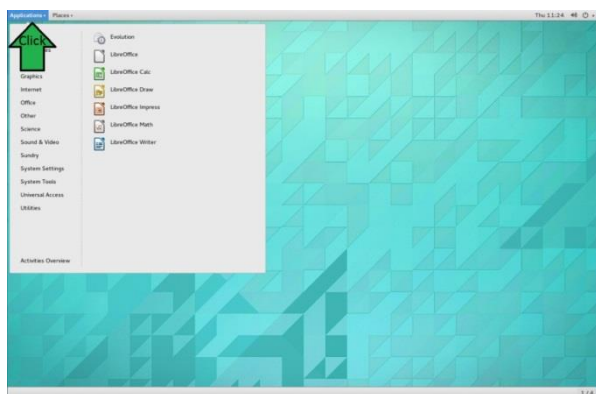
Unity Desktop Environment:



KDE Desktop Environment:



Gnome Desktop Environment:



Arizona Computer-Based Testing Readiness Report User's Guide

Check CPU from Command line:

```
dave@ubuntu:~$ lscpu
Architecture:          i686
CPU op-mode(s):        32-bit, 64-bit
Byte Order:             Little Endian
CPU(s):                 1
On-line CPU(s) list:   0
Thread(s) per core:    1
Core(s) per socket:    1
Socket(s):              1
Vendor ID:              AuthenticAMD
CPU family:             16
Model:                  6
Stepping:               3
CPU MHz:                2992.569
BogoMIPS:               5985.13
L1d cache:              64K
L1i cache:              64K
L2 cache:               1024K
dave@ubuntu:~$
```

Check RAM from Command line:

```
dave@ubuntu:~$ cat /proc/meminfo
MemTotal:       1083520 kB
MemFree:        837960 kB
Buffers:         12 kB
Cached:          12 kB
SwapCached:      0 kB
Active:          0 kB
Inactive:        0 kB
Active(anon):    0 kB
Inactive(anon):  0 kB
Active(file):    0 kB
Inactive(file):  200000 kB
Unreclaimable:   64 kB
Mlocked:         64 kB
HighTotal:      115040 kB
HighFree:       6012 kB
LowTotal:       890448 kB
LowFree:        90548 kB
SwapTotal:      1046512 kB
SwapFree:       1033976 kB
Dirty:          20 kB
Writeback:       0 kB
AnonPages:      314096 kB
Mapped:         96592 kB
Shmem:          3204 kB
Slab:           50908 kB
SReclaimable:   36204 kB
SUnreclaim:     14764 kB
KernelStack:    3408 kB
PageTables:     7124 kB
NFS_Unstable:    0 kB
Bounce:         0 kB
WritebackTmp:   0 kB
CommitLimit:    1559272 kB
Committed_AS:   2428160 kB
VmallocTotal:   122800 kB
VmallocUsed:    23536 kB
VmallocChunk:   69992 kB
HardwareCorrupted: 0 kB
AnonHugePages:  102400 kB
HugePages_Total: 0
HugePages_Free:  0
HugePages_Rsvd:  0
HugePages_Surp:  0
Hugepagesize:    2048 kB
DirectMap4k:    36856 kB
DirectMap2M:    876544 kB
dave@ubuntu:~$
```

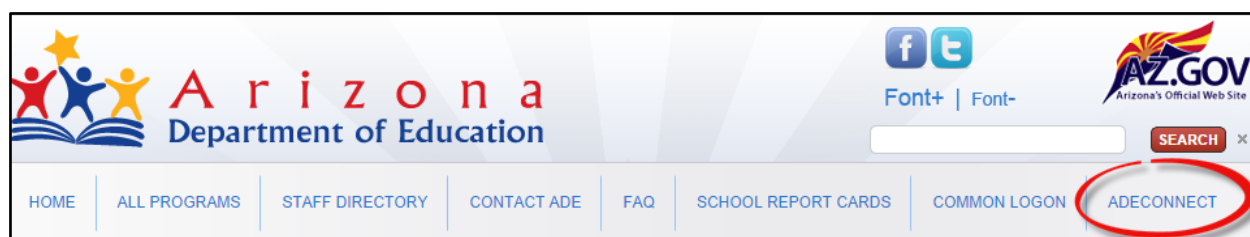
Check Linux version from Command line:

```
dave@ubuntu:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    14.04.1 LTS
Release:       14.04
Codename:      trusty
dave@ubuntu:~$
```

Appendix B: Logging Into ADEConnect

First Time Users: If this is the first time you are using ADEConnect, your entity administrator must assign a role to you. You will receive an email with your ID (your email address), a link to ADE Connect, and a temporary password. When you enter your ID and password, you will be required to change your password. Read the terms and agreements and complete the registration process for this site.

Returning Users: Go to the Arizona Department of Education web page at <http://www.azed.gov/>. Select the ADEConnect link. Select the "Tech Readiness" link.



Note: ADEConnect works best with Internet Explorer 9 or higher.

Achievement Testing District Test Coordinators

Achievement Testing District Test Coordinators have been provided access to the *Tech Readiness Inventory* in ADEConnect. Test Coordinators may enter or upload the inventory with their access; if another employee in the district/charter will be completing this task, the Achievement Test Coordinator should contact their entity administrator to assign this employee the role of "Achievement." This role will enable the employee to enter the inventory data and review results once the readiness indicators are functional.

Entity Administrators

Entity administrators are ultimately responsible for ensuring that their users are able to take advantage of the convenience and security ADEConnect offers. By appropriately assigning roles and permissions, entity admins permit users to access the ADE applications they need to do their work. Entity admins also maintain the security of LEA and ADE information by ensuring that users only have access to the applications and data they are authorized to see.

Entity Admin Responsibilities	Entity Admin Tools
<ul style="list-style-type: none">• Assign user roles and permissions• Manage school and site assignments• Delegate entity admin role• Monitor ADEConnect usage• Analyze SIS-ADEConnect connection	<ul style="list-style-type: none">• Entity Admin Portal• ADEConnect Activity Report• Admin Application Association Report• Search by email address• Support from ADE!

Frequently Asked Questions can be accessed at <http://www.azed.gov/aelas/adeconnect/answers/>.